

Bipolaron

Bipolaron

See also related:

Biexciton
Magnetic polaron

Bipolaroxin

See 2-Naphthaleneacetaldehyde, 1,2,3,7,8,8a-hexahydro-2,7-dihydroxy-8,8a-dimethyl- α -methylene-3-oxo-, (2R,7S,8R,8aR)- [100665-30-3]

Bipolar transistors

See also narrower: Heterojunction bipolar transistors

Bipowine

See [7,7'-Bi-4H-dibenzo[de,g]quinoline]-1,1'-diol, 5,5',6,6'-tetrahydro-2,2',9,9',10,10'-hexamethoxy- [107882-21-3]

Bipowinone

See [7,7'-Bi-1H-dibenzo[de,g]quinoline]-1,1'-dione, 2,2',9,9',10,10'-hexamethoxy- [107882-20-2]

BiP protein

See Proteins, specific or class, GRP78 (glucose-regulated protein, 78,000-mol.-wt.)

Biprehnityl

See 1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octamethyl- [6749-92-4]

BiPro

See Proteins, specific or class, whey

Bipropargyl

See 1,5-Hexadiyne [628-16-0]

Bipropenyl

See 2,4-Hexadiene [592-46-1]

N,N'-Bipropionanilide

See Propanoic acid, hydrazides, 2-(1-oxopropyl)-1,2-diphenylhydrazide [6004-90-6]

Bipropionyl

See 3,4-Hexanedione [4437-51-8]

4,4''-Bipropiophenone

See 1-Propanone, 1,1'-[1,1'-biphenyl]-4,4'-diylbis- [4392-77-2]

 $\Delta^{2,2}$ -Bipseudoindoxyl

See 3H-Indol-3-one, 2-(1,3-dihydro-3-oxo-2H-indol-2-ylidene)-1,2-dihydro- [482-89-3]

Bipseudourea

See 1,2-Hydrazinedicarboximidic acid [4392-78-3]

[4,4'-Bi-2-pyrazoline]-5,5'-dione

See [4,4'-Bi-3H-pyrazole]-3,3'-dione, 2,2',4,4'-tetrahydro- [4392-82-9]

2,2'-Bipyridine [366-18-7]

Specific coordination compounds containing the 2,2'-bipyridine ligand are indexed only at the coordination headings, e.g., *Molybdenum*, (2,2'-bipyridine-*N,N'*)*oxodiperoxy*- [23319-62-2]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from 2,2'-bipyridine, e.g., the anionic ligand, are indexed here as well as at the specific coordination headings

[4,4'-Bipyridine]-3,3',5,5'-tetrasulfonic

3,3',5,5'-dianhydride
See 5,11-Dioxo-4,6,10,12-tetrathia-2,8-diazadibenzof[ef,kl]heptalene, 4,4,6,6,10,10,12,12-octaoxide [4392-90-9]

2,2'-Bipyridinium

—, 1,1'-(1,2-ethanediyl)-
See Dipyrido[1,2- α :2',1'-c]pyrazinedium, 6,7-dihydro- [2764-72-9]

—, 1,1'-(1,3-propanediyl)-

See 6H-Dipyrido[1,2- α :2',1'-c][1,4]diazepinedium, 7,8-dihydro- [7325-63-5]

4,4'-Bipyrocatechol

See [1,1'-Biphenyl]-3,3',4,4'-tetrol [3598-30-9]

Bipyromucyl

See Ethanedione, di-2-furanyl- [492-94-4]

2,2'-Bi-1H-pyrrole

—, 2,3,4,5-tetrahydro-
See 1H-Pyrrole, 2-(2-pyrrolidinyl)- [5666-13-7]

N,4'-Bi[1H-pyrrole-2-carboxamide]

See 1H-Pyrrole-2-carboxamide, *N*-[5-(aminocarbonyl)-1H-pyrrol-3-yl]- [4607-60-7][1,1]-(*N,N'*,*N',N''*)-2,2'-Bipyrrolophane

See 8H,17H-Tetrapyrrolo[1,2-c:2',1'-e:1'',2''-h:2''',1'''-j][1,3,6,8]tetrazecine [76280-93-8]

4,4'-Bipyrylene

See 4H-Pyran, 4-(4H-pyran-4-ylidene)- [4392-79-4]

6,6'-Biquinaldic acid

See [6,6'-Biquinoline]-2,2'-dicarboxylic acid [4392-94-3]

Biquin Durules

See Cinchon-9-ol, 6'-methoxy-, (9S)-, sulfate (1:1) (salt) [747-45-5]

Biquinonyl

See [Bi-1,4-cyclohexadien-1-yl]-3,3',6,6'-tetrone [23783-80-4]

BIR 10

See [1,1'-Biphenyl]-2,2'-dicarboxylic acid, dimethyl ester, mixt. with *N*-butyl-*N*-phenylacetamide and *N*-(3-methylbutyl)-*N*-phenylacetamide [8066-79-3]

Biradicals

Biramentaceone

See [2,2'-Binaphthalene]-1,1',4,4'-tetrone, 5,5'-dihydroxy-7,7'-dimethyl- [24456-79-9]

BIR-BIOC-FL

See 1,3-Benzenediol, 4,4'-[9H-fluoren-9-ylidenebis-[(6-hydroxy-5-methyl-3,1-phenylene)methyl-ene]]bis- [216869-54-4]

Birbirite

Birch (Betula)

Birch leaf miner

See *Fenusa pusilla*

Birch reduction

Reduction of aromatic systems by sodium-ammonia to give dihydro aromatic derivatives is indexed here

Bird (Aves)

Studies of birds as a group are indexed at this heading. More specific studies are indexed at the common or scientific names

Bird cherry

This heading is used only when the specific taxonomy

cannot be established from the original document

Bird lice

See Mallophaga

Bird rape

See *Brassica campestris*Bird's-foot trefoil (*Lotus corniculatus*)

Bird's-foot trefoil

See also *Lotus* (genus)

Bird Shield

See Benzoic acid, 2-amino-, methyl ester [134-20-3]

BIRE 0567

See *L*-Isoleucine, *N*-acetyl-3-(2'-carboxyl[1,1'-biphenyl]-4-yl)-*L*-alanyl-*L*- α -glutamyl-*L*- α -glutamyl- [199534-86-6]

Birefringence

See also narrower:

Flow birefringence
Kerr effect (electrooptical)
Magnetic birefringence

See also related:

Electrooptical instruments
Optical activity
Optical anisotropy
Optical refraction
Photoelasticity
Refractive index

Birefringence, flow

See Flow birefringence

2,2'-Biresorcinol

See [1,1'-Biphenyl]-2,2',6,6'-tetrol [4371-35-1]

4,4'-Biresorcinol

See [1,1'-Biphenyl]-2,2',4,4'-tetrol [4371-31-7]

BI-RG 587

See 6H-Dipyrido[3,2-*b*:2',3'-e][1,4]diazepin-6-one, 11-cyclopropyl-5,11-dihydro-4-methyl- [129618-40-2]

Birgin

See Carbamic acid, phenyl-, 1-methylethyl ester [122-42-9]

BIRH 414

See 6H-Dipyrido[3,2-*b*:2',3'-e][1,4]diazepin-6-one, 11-ethyl-5,11-dihydro-4-methyl- [133627-17-5]

BI-RH 448

See 6H-Dipyrido[3,2-*b*:2',3'-e][1,4]diazepin-6-one, 8-azido-11-methyl-5,11-dihydro-5-methyl- [135854-70-5] $\Delta^{5,5}$ -Birhodamine

See 4-Thiazolidinone, 5-(4-oxo-2-thioxo-5-thiazolidinylidene)-2-thioxo- [4424-05-9]

Biricodar

See 2-Piperidinecarboxylic acid, 1-[oxo(3,4,5-trimethoxyphenyl)acetyl]-, 4-(3-pyridinyl)-1-[3-(3-pyridinyl)propyl]butyl ester, (2S)- [159997-94-1]

Biriperone

See 1-Butanone, 1-(4-fluorophenyl)-4-(3,4,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-*b*]indol-2(1H)-yl)- [42021-34-1]

BI-RJ 70

See 5H-Pyrido[2,3-*b*][1,5]benzodiazepin-5-one, 9-azido-11-ethyl-6,11-dihydro-6-methyl- [132377-83-4]

Birlane

See Phosphoric acid, esters, 2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl ester [470-90-6]

BIRM 262

See 2-Benzoxazolamine, *N*-[2-cyclohexyl-1-(2-pyridinyl)ethyl]-5-methyl- [149197-13-7]

BIRM 270

See 2-Benzoxazolamine, *N*-[(1S)-2-cyclohexyl-1-(2-pyridinyl)ethyl]-5-methyl- [147432-77-7]

BIRM 271

See 2-Benzoxazolamine, *N*-[(1R)-2-cyclohexyl-1-(2-pyridinyl)ethyl]-5-methyl- [149106-77-4]

Birnaviridae

Birth

See Parturition

Birth defects

See

Congenital malformations
Teratogenesis

Biruloquinone

See 5H-Phenanthro[4,5-*bcd*]pyran-5,9,10-trione, 1,8-dihydroxy-2-methoxy-6-methyl- [86918-78-7]

Birutin forte

See 4H-1-Benzopyran-4-one, 3-[[6-O-(6-deoxy- α -*L*-mannopyranosyl)- β -*D*-glucopyranosyl]-oxy]-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-, hydrogen sulfate, sodium salt [12768-44-4]

Biryuzon

See 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-6-sulfo-1-naphthalenyl)azo]- [32884-46-1]

BIRZ 227

See Benzoxazole, 5-chloro-2-[(2S,3R)-3-(4-methoxyphenyl)-2-(2-pyridinyl)-1-pyrrolidinyl]- [200629-40-9]

BIS 12

See Benzoic acid, hydrazides, 2-(3-chlorophenyl)-hydrazide [39603-59-3]

BIS 20

See Hexanoic acid, 2-butyl-2-hydroxy-, 2,2-diphenylhydrazide [31180-65-1]

Bisabolane

See Cyclohexane, 1-(1,5-dimethylhexyl)-4-methyl- [29799-19-7]

Bisabolangelone

See 4(2H)-Benzofuranone, 3,3a,7,7a-tetrahydro-3-hydroxy-3,6-dimethyl-2-(3-methyl-2-butenylidene)-, (2Z,3S,3aS,7aR)- [30557-81-4]

 β -Bisabolanal

See 1-Cyclohexene-1-carboxaldehyde, 4-(5-methyl-1-methylene-4-hexenyl)-, (4S)- [147029-14-9]

 α -Bisabolene

See Cyclohexene, 4-(1,5-dimethyl-1,4-hexadienyl)-1-methyl- [17627-44-0]

 α_2 -Bisabolene

See Cyclohexene, 4-(1,5-dimethyl-1,5-hexadienyl)-1-methyl- [29837-09-0]

 β -Bisabolene

See Cyclohexene, 1-methyl-4-(5-methyl-1-methylene-4-hexenyl)-, (4S)- [495-61-4]

 β_2 -Bisabolene

See Cyclohexene, 3-methyl-6-(5-methyl-1-methylene-4-hexenyl)- [18663-67-7]

 γ -Bisabolene

See Cyclohexene, 4-(1,5-dimethyl-4-hexenylidene)-1-methyl- [495-62-5]

Bisabolene oxide

See 1-Oxaspiro[4.5]dec-7-ene, 4,8-dimethyl-2-(2-methyl-1-propenyl)- [38970-57-9]

Bisabolene trihydrochloride

See Cyclohexane, 1-chloro-4-(1,5-dichloro-1,5-dimethylhexyl)-1-methyl-, *cis*- [144868-41-7] β -Bisabolanol

See 1-Cyclohexene-1-methanol, 4-(5-methyl-1-methylene-4-hexenyl)-, (4S)- [147126-90-7]

Bisabolanol A

See 1,5-Cyclohexadiene-1-pentanol, $\alpha,\alpha,\epsilon,4$ -tetramethyl- [120913-67-9]

Bisabolanol B

See 3-Hepten-2-ol, 2-methyl-6-(4-methyl-1,5-cyclohexadien-1-yl)- [120913-68-0]

Bisabolanol C

See 3-Hepten-2-ol, 2-methyl-6-(4-methyl-2,5-cyclohexadien-1-yl)- [120913-69-1]

Bisabolanol D

See 2,5-Cyclohexadiene-1-butanol, $\delta,4$ -dimethyl- α -(1-methylethyl)- [120913-70-4]

Bisabolanol E

See 2,5-Cyclohexadiene-1-propanol, $\gamma,4$ -dimethyl- α -(2-methyl-1-propenyl)- [120913-71-5]

Bisabolol

See 3-Cyclohexene-1-methanol, $\alpha,4$ -dimethyl- α -(4-methyl-3-pentenyl)-, (α R,1R)-*rel*- [515-69-5] α -BisabololSee 3-Cyclohexene-1-methanol, $\alpha,4$ -dimethyl- α -(4-methyl-3-pentenyl)-, (α R,1R)-*rel*- [515-69-5](-)- — see 3-Cyclohexene-1-methanol, $\alpha,4$ -dimethyl- α -(4-methyl-3-pentenyl)-, (α S,1S)- [23089-26-1] β -Bisabolol

See 3-Cyclohexen-1-ol, 1-[(1S)-1,5-dimethyl-4-hexenyl]-4-methyl-, (1S)- [15352-77-9]

—, tetrahydro-

See Cyclohexanol, 1-(1,5-dimethylhexyl)-4-methyl- [24945-44-6]

Bisabolol oxide A

See 2H-Pyran-3-ol, tetrahydro-2,2,6-trimethyl-6-[(1S)-4-methyl-3-cyclohexen-1-yl]-, (3S,6S)- [22567-36-8]

 α -Bisabolol oxide A

See 2H-Pyran-3-ol, tetrahydro-2,2,6-trimethyl-6-[(1S)-4-methyl-3-cyclohexen-1-yl]-, (3S,6S)- [22567-36-8]

 α -Bisabolol oxide BSee 2-Furanmethanol, tetrahydro- $\alpha,\alpha,5$ -trimethyl-5-[(1S)-4-methyl-3-cyclohexen-1-yl]-, (2S,5S)- [26184-88-3] α -Bisabolol oxide C

See 2-Oxabicyclo[2.2.2]octan-6-ol, 1,3-dimethyl-3-(4-methyl-3-pentenyl)- [59861-08-4]

 α -Bisabolone

See 2-Hepten-4-one, 6-hydroxy-2-methyl-6-(4-methyl-3-cyclohexen-1-yl)- [38043-98-0]

1-Bisabolone

See 2-Cyclohexen-1-one, 6-[(1S)-1,5-dimethyl-4-hexenyl]-3-methyl-, (6R)- [61432-71-1]

Bisabolone oxide A

See 2H-Pyran-3(4H)-one, dihydro-2,2,6-trimethyl-6-[(1S)-4-methyl-3-cyclohexen-1-yl]-, (6S)- [22567-38-0]

Bisaborosaol A

See 1-Cyclohexene-1-carboxylic acid, 4-[(1S)-1-hydroxy-1,5-dimethyl-4-hexenyl]-, methyl ester, (4R)- [135970-39-7]

Bisaborosaol B 1

See 1-Cyclohexene-1-carboxylic acid, 4-[(2S,5R)-tetrahydro-5-(1-hydroxy-1-methylethyl)-2-methyl-2-furanyl]-, methyl ester, (4R)- [135970-36-4]

Bisaborosaol B 2

See 1-Cyclohexene-1-carboxylic acid, 4-[(2S,5S)-tetrahydro-5-(1-hydroxy-1-methylethyl)-2-methyl-2-furanyl]-, methyl ester, (4R)- [135970-37-5]

Bisaborosaol C 1

See 1-Cyclohexene-1-carboxylic acid, 4-(4-hydroperoxy-1-hydroxy-1,5-dimethyl-5-hexenyl)-, methyl ester [135905-41-8]

Bisaborosaol C 2

See 1-Cyclohexene-1-carboxylic acid, 4-(4-hydroperoxy-1-hydroxy-1,5-dimethyl-5-hexenyl)-, methyl ester [135970-38-6]

Bisaborosaol D

See 1-Cyclohexene-1-carboxylic acid, 4-(5-hydroperoxy-1-hydroxy-1,5-dimethyl-3-hexenyl)-, methyl ester [135905-42-9]

Bisaborosaol E 1

See 1-Cyclohexene-1-carboxylic acid, 4-(1,4-dihydroxy-1,5-dimethyl-5-hexenyl)-, methyl ester [147126-86-1]

Bisaborosaol E 2

See 1-Cyclohexene-1-carboxylic acid, 4-(1,4-dihydroxy-1,5-dimethyl-5-hexenyl)-, methyl ester [147029-04-7]

Bisaborosaol F

See 1-Cyclohexene-1-carboxylic acid, 4-[(1R,3E)-1,5-dihydroxy-1,5-dimethyl-3-hexenyl]-, methyl ester, (4S)-*rel*- [147029-03-6]

Bisabosqual A

See 1H-Benzofuro[4,3,2-*cde*